

CALIFORNIA ENERGY COMMISSION

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NOTICE OF PROPOSED AWARDS
Demonstrating Innovative Solutions to Convert California's Residual Forest Biomass
Resources into Renewable Gas

EPIC GFO-18-501
February 14, 2019

On October 24, 2018, the California Energy Commission (Energy Commission) released a competitive solicitation for renewable energy and advanced generation research projects aimed at developing and demonstrating innovative technologies for the conversion of forest waste biomass to renewable gas (RG). Up to \$4 million in Natural Gas Research Program funding is available to fund projects to improve efficiency, reduce costs, and reduce the environmental impact for the forest waste to RG energy pathway.

The Energy Commission received six proposals by the due date of December 21, 2018. Each proposal was screened, reviewed, evaluated, and scored using the criteria in the solicitation. All proposals passed Stage One Application Screening. Three proposals passed Stage Two Application Scoring.

The attached table, titled "Notice of Proposed Awards" identifies each applicant selected and recommended for funding by the Energy Commission staff and includes the recommended funding amount and score. The total amount recommended is \$3,999,695.

Funding of proposed projects resulting from this solicitation is contingent upon the proposed approval of these projects at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement. If the Energy Commission is unable to timely negotiate and execute a funding agreement with an applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award, and award the funds to another applicant.

In addition, the Energy Commission reserves the right to: 1) add to, remove, or shift funding to make additional awards and 2) negotiate with successful applicants to modify the project scope, schedule, and/or level of funding.

This notice is being mailed to all parties, who submitted an application to this solicitation, and is also posted on the Energy Commission's website at: www.energy.ca.gov/contracts/.

For information, please contact Kevyn Piper at (916) 654-4845 or kevyn.piper@energy.ca.gov.

Kevyn Piper
Commission Agreement Officer



California Energy Commission

GFO-18-501

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Notice of Proposed Awards

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Rank	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
PROPOSED AWARDS							
1	Taylor Energy	Renewable Syngas Methanation	\$ 1,999,695	\$ 1,999,695	\$ 224,039	92.67	Awardee
2	West Biofuels, LLC	Production of Renewable Natural Gas and Value-added Chemicals from Forest Biomass Residues	\$2,000,000	\$2,000,000	\$ 560,000	88.90	Awardee
		Total	\$3,999,695	\$3,999,695	\$784,039		
PASSED BUT NOT FUNDED							
3	Regents of the University of California, San Diego	Renewable Natural Gas from Biomass via Fluidized-bed Methanation	\$2,000,000	\$0	\$ 403,504	83.98	Finalist
DID NOT PASS							
4	Biogas Energy Inc.	Conversion of Wood Waste Into Renewable Natural Gas Through Pyrolysis and Anaerobic Digestion	\$ 1,000,000	\$0	\$ 120,000		Did Not Pass
5	Technology & Investment Solutions LLC	Thermal Hydrolysis for Increased Biogas Generation from Forest Biomass and Catalytic Biogas Upgrading to Renewable Gas	\$ 1,777,750	\$0	\$ 305,961		Did Not Pass
6	T2M Global	Modular Technology for Low Cost RNG: A Solution to Forest Fire	\$ 1,999,876	\$0	\$ 1,499,644		Did Not Pass